

| <b>SUPPLEMENTAL INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary)<br>Page 1 of 1  |    |                 |  |   |   |   |   |   |          | ATTY. DOCKET NO. PC10777B                        |       |          |             |                            | SERIAL NO. 10/791,462 |  |  |  |  |
|--|----|-----------------|--|---|---|---|---|---|----------|--|-------|----------|-------------|----------------------------|-----------------------|--|--|--|--|
|  |    |                 |  |   |   |   |   |   |          | APPLICANT Kevin K. Liu                           |       |          |             |                            |                       |  |  |  |  |
|  |    |                 |  |   |   |   |   |   |          | FILING DATE March 2, 2004                        |       |          |             |                            | GROUP 1655            |  |  |  |  |
| <b>U.S. PATENT DOCUMENTS</b>   |    |                 |  |   |   |   |   |   |          |  |       |          |             |                            |                       |  |  |  |  |
| EXAMINER INITIAL   |    | DOCUMENT NUMBER |  |   |   |   |   |   |          | DATE   | NAME  | CLASS    | SUBCLASS    | FILING DATE IF APPROPRIATE |                       |  |  |  |  |
| 4  | US | 4               | 8  | 0 | 8 | 6 | 0 | 5 | 2/28/89  | Branca, et al.<br><br>Equivalent to HUZ15915     | 514   | 394      |             |                            |                       |  |  |  |  |
| 2  | US | 5               | 2  | 4 | 8 | 6 | 0 | 9 | 9/28/93  | Petzoldt, et al.<br><br>Equivalent to EP 0271433 | 435   | 280      |             |                            |                       |  |  |  |  |
| 3  | US | 5               | 1  | 0 | 6 | 7 | 5 | 0 | 4/21/92  | Wong, et al.                                     | 435   | 280      |             |                            |                       |  |  |  |  |
| 2  | US | 5               | 5  | 5 | 2 | 4 | 1 | 2 | 9/3/96   | Cameron, et al.<br><br>Equivalent to CN1136562   | 514   | 317      |             |                            |                       |  |  |  |  |
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| <b>FOREIGN PATENT DOCUMENTS</b>  |    |                 |  |   |   |   |   |   |          |  |       |          |             |                            |                       |  |  |  |  |
| DOCUMENT NUMBER  |    |                 |  |   |   |   |   |   | DATE     | COUNTRY  | CLASS | SUBCLASS | TRANSLATION |                            |                       |  |  |  |  |
|  |    |                 |  |   |   |   |   |   |          |  |       |          | YES         | NO                         |                       |  |  |  |  |
| 2  | WO | 8               | 8  | 0 | 3 | 5 | 7 | 0 | 11/12/87 | International                                    | C07C  | 177/00   |             |                            |                       |  |  |  |  |
|  |    |                 |  |   |   |   |   |   |          |  |       |          |             |                            |                       |  |  |  |  |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |    |                 |  |   |   |   |   |   |          |  |       |          |             |                            |                       |  |  |  |  |
| 3  |    |                 | Organic Letters, Vol. 2, No. 25, pp. 4025-4027; (2000) |   |   |   |   |   |          |  |       |          |             |                            |                       |  |  |  |  |
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| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |                 |  |   |   |   |   |   |          |  |       |          |             |                            |                       |  |  |  |  |

| <b>INFORMATION DISCLOSURE CITATION</b><br><i>(Use several sheets if necessary)</i>  |    |                 |   |   |   |   |   |     | <b>ATTY. DOCKET NO.</b> PC10777B |                  |       |          |                               |    | <b>SERIAL NO.</b> 10/791,462 |  |  |  |  |  |
|---|----|-----------------|---|---|---|---|---|-----|----------------------------------|------------------|-------|----------|-------------------------------|----|------------------------------|--|--|--|--|--|
|   |    |                 |   |   |   |   |   |     | <b>APPLICANT</b> Kevin K. Liu    |                  |       |          |                               |    |                              |  |  |  |  |  |
|   |    |                 |   |   |   |   |   |     | <b>FILING DATE</b> March 2, 2004 |                  |       |          |                               |    | <b>GROUP</b> To Be Assigned  |  |  |  |  |  |
| <b>U.S. PATENT DOCUMENTS</b>  |    |                 |   |   |   |   |   |     |                                  |                  |       |          |                               |    |                              |  |  |  |  |  |
| EXAMINER<br>INITIAL   |    | DOCUMENT NUMBER |   |   |   |   |   |     | DATE                             | NAME             | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |    |                              |  |  |  |  |  |
|   |    |                 |   |   |   |   |   |     |                                  |                  |       |          | YES                           | NO |                              |  |  |  |  |  |
|   | US | 4               | 8   | 0 | 8 | 6 | 0 | 5   | 2/28/89                          | Branca, et al.   | 514   | 394      |                               |    |                              |  |  |  |  |  |
|   | US | 5               | 2   | 4 | 8 | 6 | 0 | 9   | 9/28/93                          | Petzoldi, et al. | 435   | 280      |                               |    |                              |  |  |  |  |  |
|   | US | 5               | 7   | 1 | 4 | 6 | 4 | 2   | 2/3/98                           | Didion, et al.   | 568   | 810      |                               |    |                              |  |  |  |  |  |
|   | US | 6               | 1   | 8 | 0 | 3 | 7 | 5   | 1/30/01                          | Truesdell        | 435   | 121      |                               |    |                              |  |  |  |  |  |
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| <b>FOREIGN PATENT DOCUMENTS</b>   |    |                 |   |   |   |   |   |     |                                  |                  |       |          |                               |    |                              |  |  |  |  |  |
| DOCUMENT NUMBER   |    |                 |   |   |   |   |   |     | DATE                             | COUNTRY          | CLASS | SUBCLASS | TRANSLATION                   |    |                              |  |  |  |  |  |
|   |    |                 |   |   |   |   |   | YES |                                  |                  |       |          | NO                            |    |                              |  |  |  |  |  |
|   | WO | 9               | 6   | 2 | 1 | 6 | 5 | 6   | 7/18/96                          | PCT              | C07D  | 295/08   |                               |    |                              |  |  |  |  |  |
|   | WO | 9               | 7   | 1 | 6 | 4 | 3 | 4   | 5/9/97                           | PCT              | C07D  | 295/08   |                               |    |                              |  |  |  |  |  |
|   | WO | 9               | 8   | 5 | 8 | 0 | 7 | 3   | 12/23/98                         | PCT              | C12P  | 17/16    |                               |    |                              |  |  |  |  |  |
|   | WO | 9               | 9   | 6 | 5 | 4 | 8 | 6   | 12/23/99                         | PCT              | A61K  | 31/435   |                               |    |                              |  |  |  |  |  |
|   | EP | 0               | 3   | 5 | 7 | 0 | 0 | 9   | 3/7/90                           | EP               | C12P  | 41/00    |                               |    |                              |  |  |  |  |  |
|   | EP | 0               | 9   | 8 | 9 | 1 | 8 | 7   | 3/29/00                          | EP               | C12P  | 17/10    |                               |    |                              |  |  |  |  |  |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |    |                 |   |   |   |   |   |     |                                  |                  |       |          |                               |    |                              |  |  |  |  |  |
|   |    |                 | Lee, et al., "Enzymatic Resolution of Racemic Ibuprofen Esters: Effects of Organic Cosolvents and Temperature", <u>Journal of Fermentation and Bioengineering</u> 80(6), pp. 613-615 (1995), XP009022668                                    |   |   |   |   |     |                                  |                  |       |          |                               |    |                              |  |  |  |  |  |
|   |    |                 | Xie, et al., "Candida rugosa lipase catalyzed esterification of racemic ibuprofen with butanol: racemization of R-ibuprofen and chemical hydrolysis of S-ester formed", <u>Biotechnology Letters</u> 20(5), pp. 455-458 (1998), XP009022661 |   |   |   |   |     |                                  |                  |       |          |                               |    |                              |  |  |  |  |  |
|   |    |                 |   |   |   |   |   |     |                                  |                  |       |          |                               |    |                              |  |  |  |  |  |
| <b>EXAMINER</b>   |    |                 |   |   |   |   |   |     |                                  |                  |       |          |                               |    |                              |  |  |  |  |  |
| <b>DATE CONSIDERED</b>  |    |                 |   |   |   |   |   |     |                                  |                  |       |          |                               |    |                              |  |  |  |  |  |
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